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SENATOR BROWN: There isn't any.

SENATOR CHAMBERS: So that's why I couldn't tell you.

SENATOR BROWN: On a nuclear level, there is no difference.

SENATOR CHAMBERS: Yes.

SENATOR BROWN: So this is the million dollar, billion dollar question. How does the bone cell know to be a bone cell and the brain cell know to be a brain cell?

SENATOR CHAMBERS: Well, it's discussed in terms of messages being given or certain instructions being switched on that will cause undifferentiated cells to become one or the other.

SENATOR BROWN: But do you know exactly how that operates?

SENATOR CHAMBERS: Oh no, I don't think anybody knows exactly how it operates. Descriptions are given, but not really explanations that get to the heart of what exactly is going on, how, and why.

SENATOR BROWN: And so from the standpoint of being able to use an adult stem cell, which is a partially differentiated cell, to be...

SENATOR CUDABACK: Time.

SENATOR BROWN: ...something...thank you.

SENATOR CUDABACK: Thank you, Senator Brown. Senator Kruse, followed by Senator Engel and others.

SENATOR KRUSE: Thank you, Mr. President and colleagues. I oppose the bill if it continues to limit research. If we can allow research to go forward, I will support the bill. Two reasons for this, one is a matter of moral principle; and the other is personal. The...we've heard a lot about ethics and so on, and that's appropriate for us to debate ethics and look at